

What Is Claimed Is:

1. A label sheet for duplex printing which comprises a face sheet, an adhesive layer bonded to the face sheet and a release liner removably adhered to the adhesive, having:

two printable sides of the sheet,  
at least one removably adhered label defining an area on the surface of at least one side of the face sheet, and  
a tie tying the label to another area on the same surface of the face sheet.

2. A label sheet of claim 1, wherein the label is provided with at least one tie on a leading edge of the label and at least one tie on a trailing edge of the label, the leading and trailing edges being defined by the direction the label sheet would pass through a printer.

3. A label sheet of claim 2, wherein the label has multiple ties on the leading and trailing edges, evenly spaced from one another.

4. A label sheet of claim 2, wherein ties are provided on the leading and trailing edges so as to correspond to where the drive rollers of the duplex printer contact the sheet.

5. A label sheet of claim 1, wherein the label is defined by a die cut through the face sheet to the adhesive around the perimeter of the label and the tie(s) are defined by portions around the perimeter of the label which are not die cut.

6. A label sheet of claim 1, wherein the label sheet comprises two face sheets and two adhesive layers, one each on each side of the release liner.

7. A label sheet of claim 6, which comprises at least one label on each side of the sheet.

8. A label sheet of claim 1, wherein the label sheet comprises multiple labels on at least one face sheet and each label is provided with at least one tie to another label, to an edge of the face sheet around its perimeter and/or to a matrix of the face sheet separating the labels from one another.

9. A label sheet of claim 1, wherein the adhesive layer is comprised of an adhesive which softens at temperatures to which it is subject during duplex printing with fusion of the toner by heating.

10. A label sheet of claim 9, wherein the adhesive softens at a temperature from 400 to 500°F.

11. A method for duplex printing a label sheet which comprises feeding a label sheet according to claim 1 through a duplex printer where the duplex printed includes an operation where the label sheet is turned over a roller at an acute angle.

12. A method of claim 11, which includes an operation where the label sheet is subject to heating to fuse toner to the sheet.

13. A method of claim 12, wherein the heating is at 400 to 500°F.

14. A method of claim 11, wherein the labels on the label sheet are provided with ties where driver rollers of the duplex printer contact the sheet.

15. A method of claim 11, wherein the labels of the label sheet are provided with at least one tie on a leading edge of the label and at least one tie on a trailing edge of the label, the leading and trailing edges being defined by the direction the label sheet would pass through the printer.

16. A method of claim 15, wherein the labels have multiple ties on the leading and trailing edges, evenly spaced from one another.

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